

ABSTRACT

A light-emitting device comprises a light-emitting element 3 that is provided on a substrate 2 and emits excitation light, and a wavelength converter 4 that converts the excitation light into visible light. The visible light is output light. The wavelength
5 converter 4 comprises a plurality of wavelength conversion layers 4a, 4b and 4c which respectively contain, as phosphors, at least one type of semiconductor ultrafine particles having a mean particle size of not more than 20 nm and at least one type of fluorescent substance having a mean particle size of not less than 0.1 μm in a resin matrix. Thereby, self-quenching of phosphors is reduced and high luminous efficiency is attained.